

UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS: WELL LOG _____ ELECTRIC LOGS _____ FILE ☒ WATER SANDS _____ LOCATION INSPECTED **OIL** _____ SUB. REPORT/abd. _____*** Application Rescinded - 8-8-83**DATE FILED **4-30-82**

LAND: FEE & PATENTED

STATE LEASE NO.

PUBLIC LEASE NO. **U-30263**

INDIAN

DRILLING APPROVED: **5-5-82**

SPUDDED IN:

COMPLETED:

PUT TO PRODUCING:

INITIAL PRODUCTION:

GRAVITY A.P.I.

GOR.

PRODUCING ZONES:

TOTAL DEPTH:

WELL ELEVATION:

DATE ABANDONED: **8-8-83 LA 9-14-83**FIELD: **WILDCAT 3/86 Last Chance**

UNIT:

COUNTY: **EMERY**WELL NO. **HURT FEDERAL #23-7**API NO. **43-015-30106**

LOCATION

2045FT. FROM ☒ (S) LINE.**1978'**FT. FROM ☒ (W) LINE.**NE SW****1/4 - 1/4 SEC.****7**

TWP	RGE	SEC.	OPERATOR	TWP	RGE	SEC.	OPERATOR
				26S	7E	7	PETRO QUEST, INC.

ecs/ Energy Consulting Services

815 Metrobank Bldg.
475 17th Street
Denver, Colo. 80202

Phone (303) 893-1705

April 28, 1982

Mr. Cleon Feight, Director
State of Utah, Division of Oil, Gas, & Mining
4241 State Office Bldg.
Salt Lake City, Utah 84114

RE: Filing NTL-6 and A.P.D.
Petro Quest, Inc.
#23-7 Hurt Federal
Sec. 7 T26S R7E
Emery County, Utah

Dear Mr. Feight:

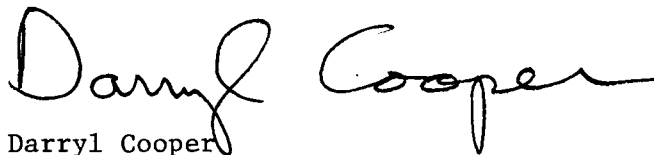
Enclosed is one copy of the Federal NTL-6 and Form 9-331C for the above-captioned well location.

If further information is required, please contact me at the above number.

Thank you.

Sincerely,

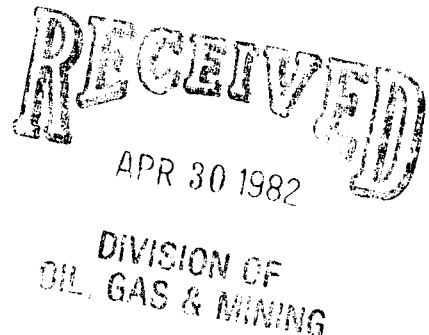
ENERGY CONSULTING SERVICES, INC.



Darryl Cooper
Manager
Environmental Services

Enclosure

cc: Mr. Larry Hartnett, Petro Quest, Inc., Englewood, CO



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYRECEIVED
OIL & GAS OPERATIONS
SERVICES UNIT
(Other instructions on reverse side)

5. LEASE DEMONSTRATION AND SERIAL NO.

U-30263

6. IF INDIAN, ALLOTTEE OR TRIBAL NAME

APR 27 1982

7. UNIT AGREEMENT NAME

SALT LAKE CITY, UTAH

8. FARM OR LEASE NAME

Hurt Federal

9. WELL NO.

23-7

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA

Sec. 7 T26S R7E

12. COUNTY OR PARISH

Emery

13. STATE

Utah

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐SALT LAKE PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☒GAS
WELL ☐

OTHER

SINGLE
ZONE ☐MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Petro Quest, Inc.

3. ADDRESS OF OPERATOR

58 Inverness Dr. East, Ste. 101, Englewood, CO 80112

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

2045' FSL & 1978' FWL (NE SW)

At proposed prod. zone

Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

Approx. 25 miles South of Emery, Utah

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any)

890'

16. NO. OF ACRES IN LEASE

1335

17. NO. OF ACRES ASSIGNED
TO THIS WELL

80

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

3100'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

6020' GR

22. APPROX. DATE WORK WILL START*

6-1-82 or upon approval

23. ALL NEW CASING

PROPOSED CASING AND CEMENTING PROGRAM FARMOUT EXPIRES JUNE 15, 1982

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11"	9 5/8"	36#/H-40/STC	250'	Class "G" Circ. to surface
8 3/4"	7"	20#/J-55/STC	2200'	100 sxs 50/50 POZ + 50 sxs. "G"
6 1/8"	4 1/2"	9.5#/J-55/STC	3100"	80 sxs Class "G" + additives

1. Drill 11" hole to 250' and set 9 5/8" casing.
2. Drill 8 3/4" hole to 2200' and set 7" intermediate casing.
3. Log BOP checks in daily drilling report and drill 6 1/8" hole to 3100'.
4. Run 4 1/2" casing to 3100', run logs, stimulate and perforate as necessary.

EXHIBITS ATTACHED

"A" Location and Elevation Plat

"H" Radius Map of Existing Wells

"B" Ten-Point Compliance Program

"C" BOP Diagram

"D" Multipoint Requirements for APD

FARMOUT AGREEMENT EXPIRES JUNE 15, 1982

"E" & "E₁" Topo and Access Road Maps

"F" Drill Pad, Production Facilities, & Cross Sections Plat

"G" Drill Rig Layout

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

Lawrence T. Hartnett

TITLE V. President-Production

DATE April 16, 1982

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

FOR E. W. GUYNN
TITLE DISTRICT OIL & GAS SUPERVISOR

DATE

JUL 22 1982

CONDITIONS OF APPROVAL, IF ANY:

CONDITIONS OF APPROVAL ATTACHED

TO OPERATOR'S COPY
*See Instructions On Reverse Side

NOTICE OF APPROVAL

FLARING OR VENTING OF
GAS IS SUBJECT TO NTL 4-A
DATED 1/1/80

State Oil & Gas

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-30263
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME -----
2. NAME OF OPERATOR Petro Quest, Inc.		7. UNIT AGREEMENT NAME -----
3. ADDRESS OF OPERATOR 58 Inverness Dr. East, Ste. 101, Englewood, CO 80111		8. FARM OR LEASE NAME Hurt Federal
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 2045' FSL & 1978' FWL (NE 1/4) At proposed prod. zone Same		9. WELL NO. 23-7
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* Approx. 25 miles South of Emery, Utah		10. FIELD AND POOL, OR WILDCAT Wildcat
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 890'		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 7 T26S R7E
16. NO. OF ACRES IN LEASE 1335		12. COUNTY OR PARISH Emery
17. NO. OF ACRES ASSIGNED THIS WELL 80		13. STATE Utah
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.		19. PROPOSED DEPTH 3100' <i>Kaitat</i>
20. ROTARY OR CABLE TOOLS Rotary		21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6020' GR
22. APPROX. DATE WORK WILL START* 6-1-82 or upon approval		23. ALL NEW CASING PROPOSED CASING AND CEMENTING PROGRAM FARMOUT EXPIRES JUNE 15, 1982

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11"	9 5/8"	36#/H-40/STC	250'	Class "G" Circ. to surface
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EXHIBITS ATTACHED

"A" Location and Elevation Plat
"B" Ten-Point Compliance Program
"C" BOP Diagram
"D" Multipoint Requirements for APD
"E" & "E₁" Topo and Access Road Maps

"H" Radius Map of Existing Wells

FARMOUT AGREEMENT EXPIRES JUNE 15, 1982

"F" Drill Pad, Production Facilities, & Cross Sections Plat
"G" Drill Rig Layout

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. Lawrence T. Hartnett SIGNED V. President-Production TITLE April 16, 1982 DATE
(This space for Federal or State office use)

PERMIT NO. _____

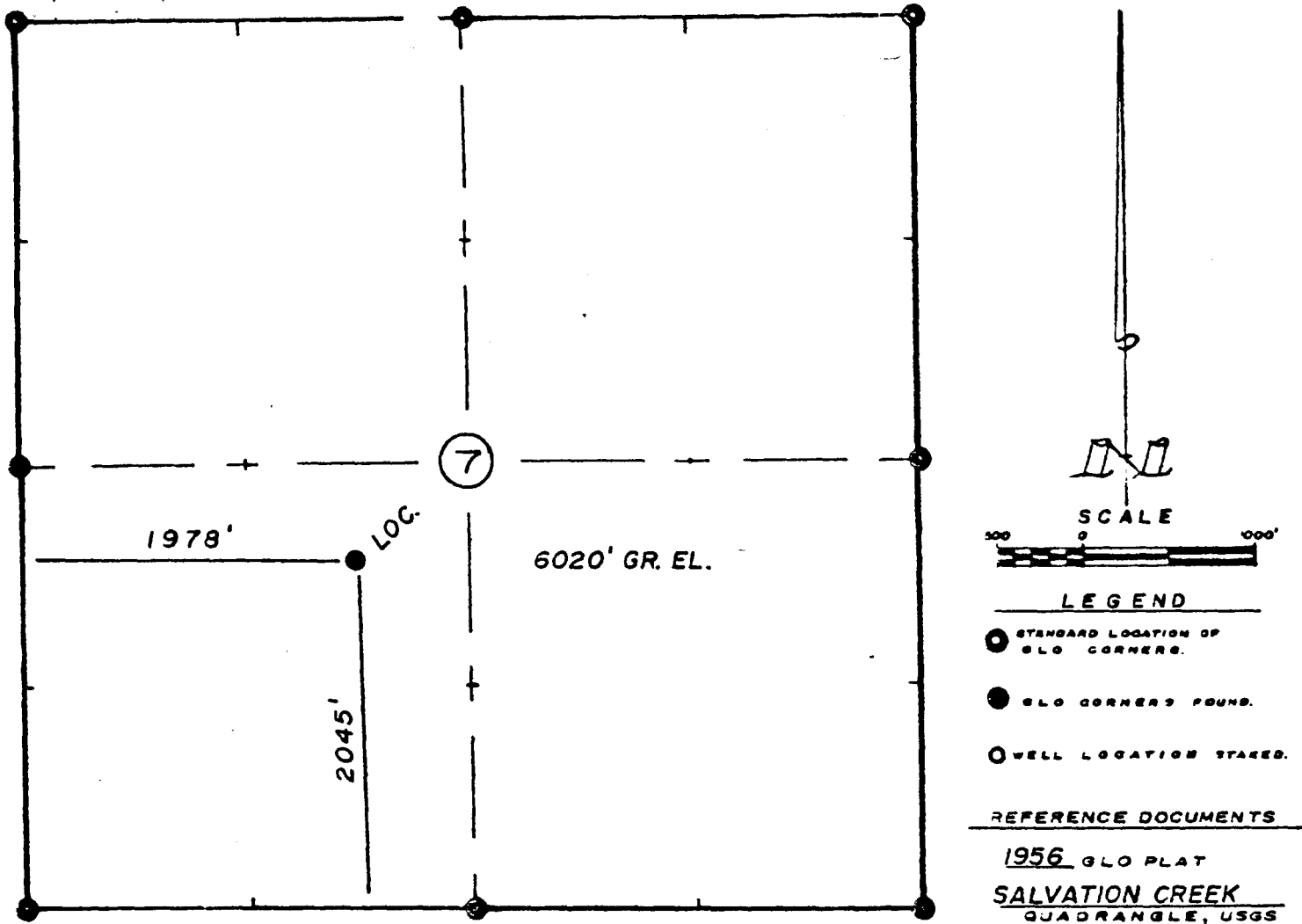
APPROVAL DATE _____

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: 5/5/82
BY: [Signature]

*See Instructions On Reverse Side



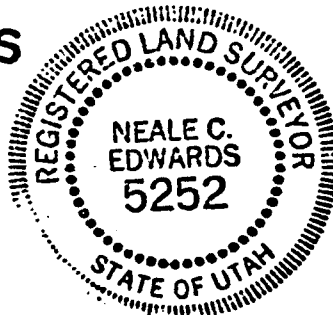
THIS WELL LOCATION PLAT WAS PREPARED FOR PETRO QUEST, INC.
 AS REQUESTED BY DARRYL COOPER, TO LOCATE THE
23-7 HURT FEDERAL, 2045 F.S.L. & 1978 F.W.L.,
 IN THE NE 1/4 SW 1/4, OF SECTION 7, T. 26S., R. 7 E. OF THE S.L. P.M.
EMERY COUNTY, UTAH.

SURVEYOR'S CERTIFICATE

I, NEALE C. EDWARDS A REGISTERED LAND SURVEYOR
 IN THE STATE OF UTAH DO HEREBY CERTIFY THAT THIS
 SURVEY WAS MADE UNDER MY DIRECT SUPERVISION AND
 THAT THIS PLAT REPRESENTS SAID SURVEY.

NCE SURVEYS

2605 C.R. # 203
 DURANGO, COLO.
 81301
 (303) 247-2342



Neale C. Edwards
 L.S. NO. 5252

DATE: 3-10-82

EXHIBIT "B"

TEN-POINT COMPLIANCE PROGRAM
OF NTL-6 APPROVAL OF OPERATIONS

Attached to Form 9-331C

Petro Quest, Inc.
23-7 Hurt Federal
2045' FSL, 1978' FWL, Section 7-T26S-R7E
Emery County, Utah

1. The Geologic Surface Formation

The surface formation is the Carmel Formation (Jurassic).

2. Estimated Tops of Important Geologic Markers

Navajo	203'
Kayenta	1254'
Wingate	1392'
Chinle	1748'
V. Moenkopi	2132'
Sinbad	2788'
L. Moenkopi	2900'
Kaibab	3024'
T.D.	3100'

3. Estimated Depths of Anticipated Water, Oil, Gas or Minerals

Probable oil zones: Kaibab 3024'

Probable water zones: Navajo 203'
Kayenta 1254'
Wingate 1392'
Chinle 1748'

7. The Auxiliary Equipment to be Used

- (a) An upper and lower kelly cock will be kept in the string.
- (b) A float to be used at the bit will be available.
- (c) A mud logging unit and gas detecting device will be monitoring the system, beginning at 2200'.
- (d) A stabbing valve will be on the floor to be stabbed into the drill pipe when kelly is not in the string.
- (e) Fire stop in drill string while air drilling.
- (f) Fire float at bit while air drilling.

8. The Testing, Logging and Coring Programs to be Followed

- (a) No testing (DST's), coring or logging programs will be initiated.
- (b) Once casing has been run to T.D., hole logs will be run.

9. Any Anticipated Abnormal Pressures or Temperatures

No abnormal pressures or temperatures have been noted or reported in wells drilled in the area nor at the depths anticipated in this well.

No hydrogen sulfide or other hazardous fluids or gases have been found, reported or known to exist at these depths in the area.

10 Anticipated Starting Date and Duration of the Operations

The anticipated starting date is set for June 1, 1982, or as soon as possible after examination and approval of drilling requirements. Operations should be completed within 55 days after spudding the well.

4. The Proposed Casing Program

<u>HOLE SIZE</u>	<u>INTERVAL</u>	<u>SECTION LENGTH</u>	<u>SIZE (OD)</u>	<u>WEIGHT, GRADE & JOINT</u>	<u>NEW OR USED</u>
11"	0 - 250'	250'	9 5/8"	36#/H-40/STC	New
8 3/4"	0 - 2200'	2200'	7"	20#/J-55/STC	New
6 1/8	2200' - 3100'	900'	4 1/2"	9.5#/J-55/STC	New

Cement Program

Surface - Class "G" - Circulate to surface (approximately 130 sxs)

Production - 0 - 2200': 100 sxs 50/50 POZ + 50 sxs Class "G"
2200' - 3100': 80 sxs Class "G" plus additives

5. The Operator's Minimum Specifications for Pressure Control

EXHIBIT "C" is a schematic diagram of the blowout preventer equipment. The BOP's will be hydraulically tested to the full working pressure after nipping up and after any use under pressure. Pipe rams will be operationally checked each 24-hour period, as will blind rams and annular preventer Grant Rotating Head each time pipe is pulled out of the hole. Such checks of BOP will be noted on daily drilling reports.

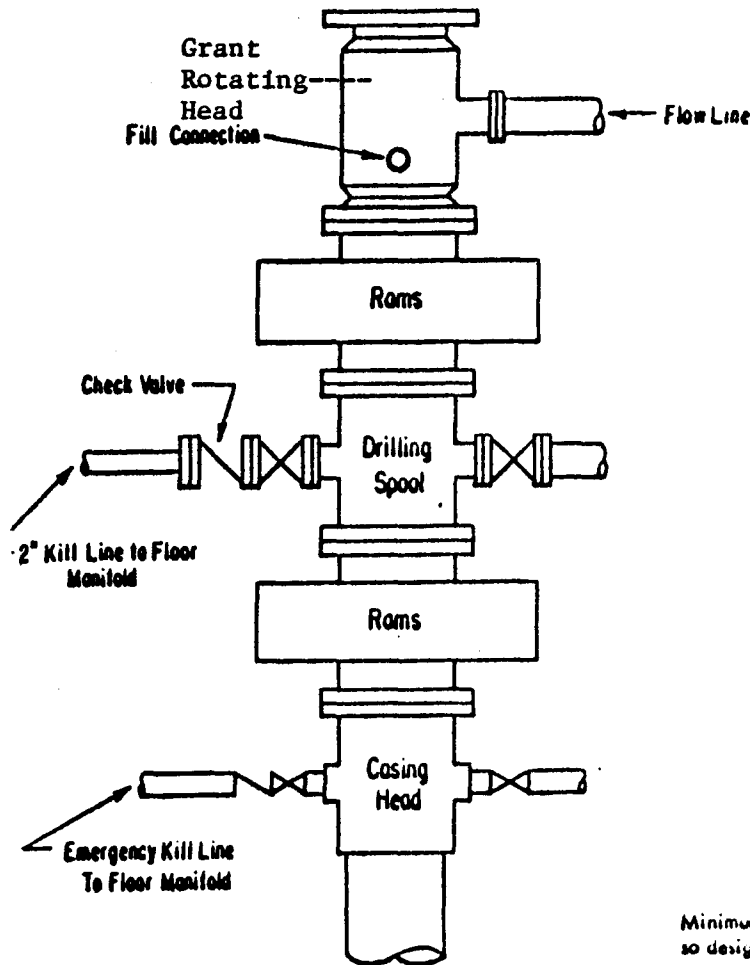
Accessories to BOP will include an upper kelly cock, floor safety valve, and choke manifold with pressure rating equivalent to the BOP stack.

6. The Type and Characteristics of the Proposed Circulating Muds

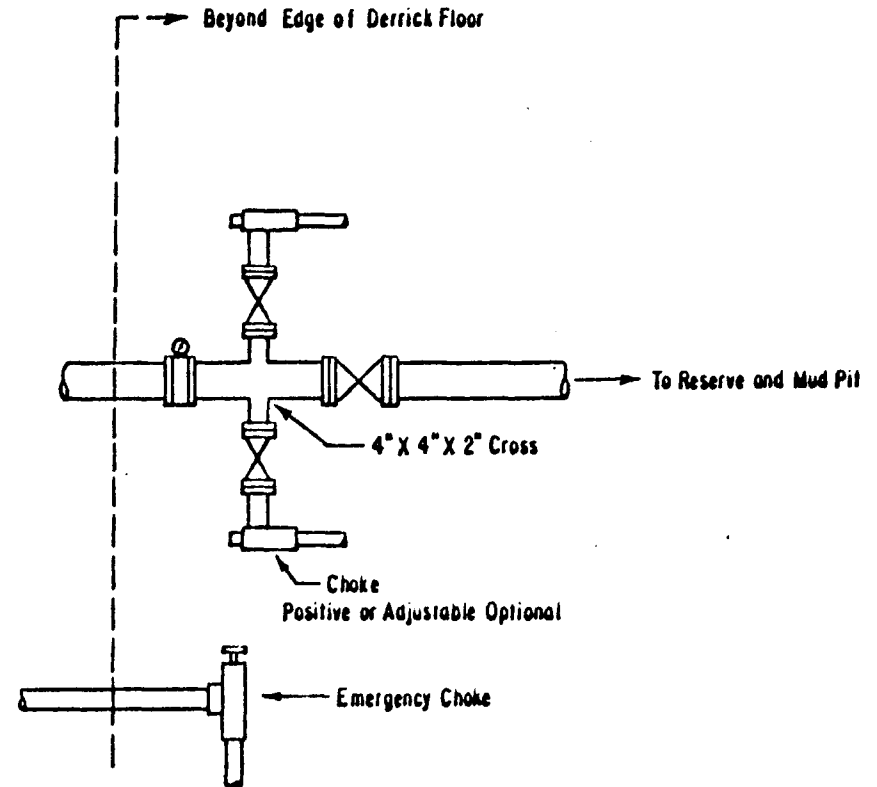
Mud system will be gel-chemical with adequate stocks of sorptive agents on site to handle possible spills of fuel and oil on the surface. Heavier muds will be on location to be added if pressure requires.

<u>DEPTH</u>	<u>TYPE</u>	<u>WEIGHT #/gal.</u>	<u>VISCOSITY-sec./qt.</u>	<u>FLUID LOSS cc</u>
0-250'	Native with Gel and Lime Sweeps	8.5 - 8.8	35 - 45	N.C.
250-3100'	Air and Air Mist	--	--	--

EXHIBIT "C"
Blowout Preventer Diagram



**2000 3000 PSI WORKING PRESSURE
BLOWOUT PREVENTER HOOK-UP**



Minimum assembly will consist of two hydraulically operated ram type preventers. They may be two singles or a double type preventer. If so designated, a Hydral and one ram type preventer will be acceptable. In lieu of the drilling spool, the flanged outlets of the preventer, if they are the correct size, may be used for the flow line and kill line.

Minimum operating equipment for the preventers will be: (1) An air operated pump(s) and (2) an accumulator(s) with means of retaining a fluid charge. A closed system is required. The closing manifold and remote closing manifold will have a separate four-way valve for each pressure operated device. A regulator is to be provided if a Hydral preventer is used.* Sufficient fluid capacity in the accumulator(s) shall be available to close all the pressure operated devices at the same time with 25 percent reserve. Gulf Legion No. 38 hydraulic oil or an equivalent or better shall be used as the operating fluid. Seamless steel piping shall be used to connect from the closing unit to the preventers. Piping is to be tested to maximum rated fluid pump pressure.

The choke manifold and flow line shall be supported by a metal stand or reinforced concrete. The choke lines shall be anchored. No sharp bends or curves will be permitted in the flow line from the preventers to the pits. Easy and safe access will be maintained to choke manifold at all times. All valves throughout the assembly shall be selected for operation in both gas and fluids. Sufficient substructure height is to be provided in the event Gulf should request installation of a rotating type blowout preventer. The ram type preventers and hydraulically operated valves will be provided with stem extensions, universal joints, if needed, and operating wheels which are to extend beyond edge of derrick substructure.

* Each four-way valve will be labeled so as to designate which pressure operated device it controls.

EXHIBIT "D"
MULTI-POINT REQUIREMENTS TO ACCOMPANY A.P.D.

Attached to Form 9-331C

Petro-Quest, Incorporated
23-7 Hurt Federal
2045' FSL, 1978' FWL, Section 7-T26S-R7E
Emery County, Utah

1. Existing Roads

- A. The proposed well site and elevation plat is shown as EXHIBIT "A". Staking included two directional reference stakes and elevations, also shown as EXHIBIT "A".
- B. From the intersection of I-70 and SH 10, proceed south on a county road 2.1 miles to a fork. Take the right fork and proceed 5.5 miles on main road to a fork; take the right fork (Last Chance Ranch Road) and proceed 7.0 miles to a fork; take left fork and proceed 7.1 miles to a fork; take left fork (Oil Well Bench Road) and proceed 1.1 miles to a fork; take left fork (Oil Well Bench Road) and continue 3.5 miles to a fork take left fork and proceed 3.3 miles to a fork; take left fork and proceed 1.1 miles to a fork (intersection with unmaintained roads) turn left onto unmaintained road and proceed 0.2 mile to an intersection with an access road to a shutin well; turn left and proceed 0.5 mile, on unmaintained road to intersection with well access road; turn right and follow unmaintained access road 0.2 mile, to the location of the Energetics 23X-7 Res. Fed (dry hole).
- C. All roads to location are color-coded on EXHIBITS "E" and "E₁". An access road, 0.9 miles beginning from the existing county road will be required as shown on EXHIBITS "E" and "E₁".
- D. This is an exploratory well. All existing roads within a three-mile radius are shown on EXHIBITS "E" and "E₁".
- E. The existing county roads needs no improvements.

2. Planned Access Roads

Map showing all necessary access roads to be constructed or reconstructed is shown as EXHIBIT "E" for the following:

No new access roads will be constructed. However, an old oilfield road approximately 0.9 miles long, located between the county road and the location of the Energetics 23X-7 Res. Fed. (dry hole) will need upgrading.

Prior to moving on the rig, the road will be bladed. If the well is determined to be productive, the road will be upgraded, including blading the road to 16', crown and ditching, and surfacing with gravel.

A segment of the road (approximately .5 mile as shown on map). This section will require a right-of-way grant from the Bureau of Land Management. As such, this NTL-6 constitutes, a request for the right-of-way. Since the right-of-way length will be less than one mile, the appropriate fees will be: \$50.00 for the right-of-way and \$20.00 monitoring fee.

The right-of-way is requested by Petro-Quest, Incorporated and they are qualified to do work in the State of Utah. The applicant has the technical and financial capability to construct, operate, maintain, and terminate the proposed road.

The road is needed in order to gain access to the proposed well location and the environmental, social, and economic effects of the proposed road will be minimal due to the remoteness of the area. The applicant is of legal age and the information submitted is correct to the best of the applicant's knowledge.

A. Drilling

- (1) The maximum width of the 0.9 mile of new access required for drilling will be 16' running surface.
- (2) The grade will be 4% maximum.
- (3) No turn outs are planned.
- (4) No drainage design is planned during drilling operations, however, water bars will be installed to divert natural drainage to terrain. Brush will be cleared and a temporary road will be prepared by grader.
- (5) No culverts are needed. Where the road crosses a drainage, a low-water crossing will be constructed.
- (6) The newly constructed road will be surfaced with gravel where needed.
- (7) No gates are needed.
- (8) The location of the oilfield road is shown on EXHIBITS "E" and "E1". This road does cross B.L.M. lands, as shown on EXHIBIT "E".

B. Production

- (1) If production is obtained, the new road will be graded and surfaced with gravel and drainage will be constructed. If accumulated material is not sufficient, additional materials will be provided by the dirt contractor. Width of total disturbed area will be approximately 24'.

3. Location of Existing Wells

For all existing wells within a two-mile radius of the Exploratory well, see EXHIBIT "H".

- (1) There are no water wells within a two-mile radius of this location.
- (2) There are nine abandoned wells within a two-mile radius.
- (3) There are no temporarily abandoned wells.
- (4) There are no disposal wells.
- (5) There are no wells presently being drilled.
- (6) There are no producing wells within a two-mile radius.
- (7) There are three shut-in wells.
- (8) There are no injection wells.
- (9) There are no monitoring or observation wells for other uses.

4. Location of Existing and/or Proposed Facilities

A. Within a one-mile radius of location, the following existing facilities are owned or controlled by Petro-Quest, Incorporated.

- (1) Tank Batteries: None
- (2) Production Facilities: None
- (3) Oil and/or Gas Gathering Lines: None
- (4) Injection Lines: None
- (5) Disposal Lines: None

B. If production is obtained, new facilities will be as follows:

- (1) Production facilities will be located on solid ground of cut area of the drill pad, as shown on EXHIBIT "F".
- (2) All well flow lines will be buried and will be on the well site and battery site.
- (3) Production facilities will be 180 feet long and 120 feet wide. Areas of drill pad not required for production facilities will be rehabilitated.
- (4) All construction materials for battery site and pad will be obtained from site. No additional material from outside sources is anticipated.

(5) Any necessary pits will be fenced and flagged to protect livestock and wildlife.

C. Rehabilitation, whether well is productive or dry, will be made on all unused areas in accordance with B.L.M. stipulations.

5. Location and Type of Water Source

A. The source of water will be a B.L.M. stock tank located in the NW, NW, Section 19-T26S-R7E, Emery County, Utah. A secondary source will be Birch Spring located in the NE, NW, Section 14-T26S-R5E, Sevier County, Utah (water rights are owned by Lyle Johnson, Bicknell, Utah). Arrangements to acquire water from the B.L.M. has been made by Petro-Quest, Incorporated.

B. Water will be transported by truck over existing roadways.

C. No water well is to be drilled on the lease.

6. Construction Materials

A. No construction materials are needed for drilling a well or constructing access roads into the location during drilling. The surface soil materials will be sufficient.

B. No construction materials will be taken off Federal land.

C. All surface soil materials for construction of access roads for drilling are sufficient. If well is productive, and material from road and pad grading is not sufficient, surfacing materials will be provided by the Dirt Contractor.

D. All major access roads presently exist as shown on EXHIBIT "E1".

7. Handling of Waste Materials and Disposal

(1) Drill cuttings will be buried in the reserve pit.

(2) Drilling fluids will be handled in the reserve pit.

(3) Any fluids produced during drilling test or while making production test will be collected in a test tank. If a test tank is not available during drilling, fluids will be handled in reserve pit. Any spills of oil, gas, salt waters or other noxious fluids will be cleaned up and removed. If well is productive, produced water will be disposed of on-site for 30 days only, or 90 days with permission of District Engineer. After that time application will be made for approval of permanent disposal method in compliance with NTL-2b.

- (4) Chemical facilities will be provided for human waste.
- (5) Garbage and non-flamable waste and salt and other chemicals produced during drilling or testing will be handled in trash pit. Flammable waste will be disposed of in trash pit. Drill fluids, water, drilling mud and tailings will be kept in reserve pit, as shown on EXHIBIT "G". The trash pit will be totally enclosed with small mesh wire to prevent wind scattering trash before being buried or removed. Reserve pit will be fenced on three sides during drilling and fourth side fenced upon removal of the rig.
- (6) After the rig moves out, all materials will be cleaned up and no adverse materials will be left on location. All dangerous open pits will be fenced during drilling and kept closed until such time as the pit is leveled.

8. Ancillary Facilities

No air strip, camp or other facilities will be built during drilling of this well.

9. Well Site Layout

- (1) EXHIBIT "F" is the Drill Pad Layout as staked with elevations. Cuts and fills have been drafted to visualize the planned cut across the location spot and to the deepest part of the pad. Topsoil will be stockpiled on the north side of the pad or in a place chosen by the B.L.M.
- (2) EXHIBIT "G" is a plan diagram of the proposed rig and equipment, reserve pit, trash pit, pipe racks and mud tanks, access road, parking and turnaround. No permanent living facilities are planned. There will be a trailer on site.
- (3) EXHIBIT "F" is a diagram showing the proposed production facilities layout.
- (4) The reserve pit will not be lined. However, if the subsurface structure is highly fractured or porous, the pit will be lined with bentonite.

10. Plans for Restoration

- (1) If well is abandoned, site will be restored to original condition as nearly as possible. Backfilling, leveling and contouring are planned as soon as all pits have dried. Waste disposal and spoils materials will be buried or hauled away to an approved sanitary landfill immediately after drilling is completed. If production is obtained, the unused area will be restored as soon as possible.

- (2) The soil banked material will be spread over the area. Revegetation will be accomplished by planting mixed grasses as per formula provided by the B.L.M. Revegetation is recommended for road area, as well as around drill pad.
- (3) Three sides of the reserve pit will be fenced during drilling operations. Prior to rig release, the reserve pit will be fenced on the fourth side to prevent livestock or wildlife from entering; and, the fencing will be maintained until leveling and cleanup are accomplished.
- (4) If any oil is on the pits and is not immediately removed or burned after operations cease, the pit containing the oil or other adverse substances will be flagged overhead or covered with wire mesh.
- (5) The rehabilitation operations will begin immediately after the drilling rig is removed. Removal of oil or other adverse substances will begin immediately or area will be flagged and fenced. Other cleanup will be done as needed. Planting and revegetation is considered best in the Spring 1983 unless requested otherwise.

11. Other Information

- (1) The well will be located on a low-lying bench. To the East of the location is a drainage. To the South adjacent to the proposed well pad, is the well pad of the 23X-7 Res. Federal. Vegetation includes junipers, pinon pines, rabbit brush and shadscale.
- (2) The primary surface use is for grazing.
- (3) The closest live water are springs about 7 miles West of the location.

There are no archaeological, historical, or other cultural artifacts apparent during the staking of this location. A complete archaeological survey was conducted by a qualified archaeologist, and the report is enclosed.

- (4) There are no reported restrictions or reservations noted on the oil and gas lease.
- (5) Drilling is planned for on or about June 1, 1982. It is anticipated that operations will be completed within 55 days after commencement of drilling.

12. Lessee's or Operator's Representative

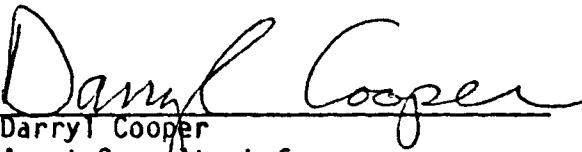
Darryl Cooper
Agent Consultant for
Petro Quest Incorporated
475 17th Street, Suite 815
Denver, Colorado 80202

Mr. Lawrence T. Hartnett
Petro Quest, Incorporated
58 Inverness Drive E., Suite 101
Englewood, CO 80112
(303) 740-7382

13. Certification

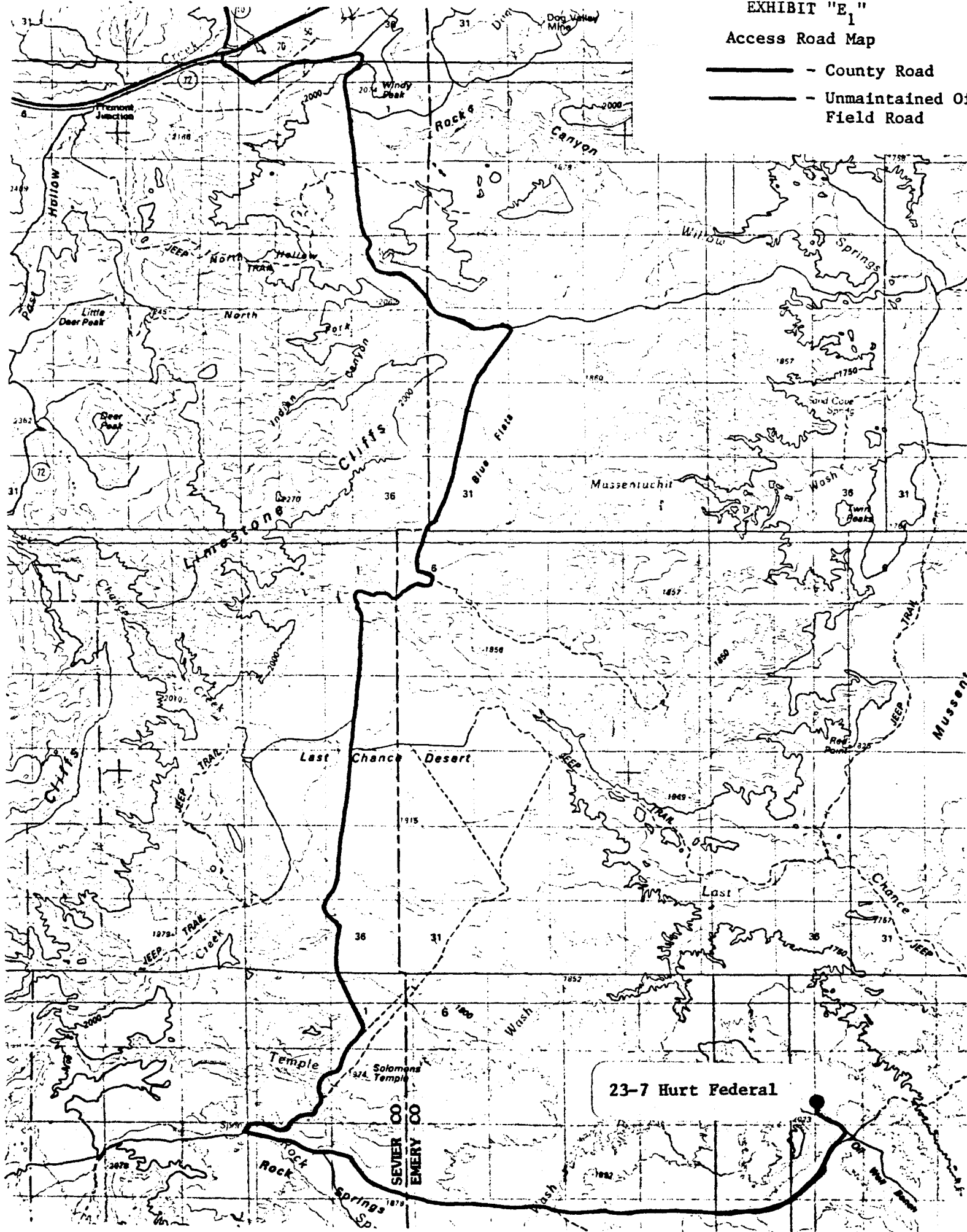
I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in the plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Petro-Quest, Incorporated and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

April 20, 1982
Date


Darryl Cooper
Agent Consultant for
Petro Quest, Incorporated

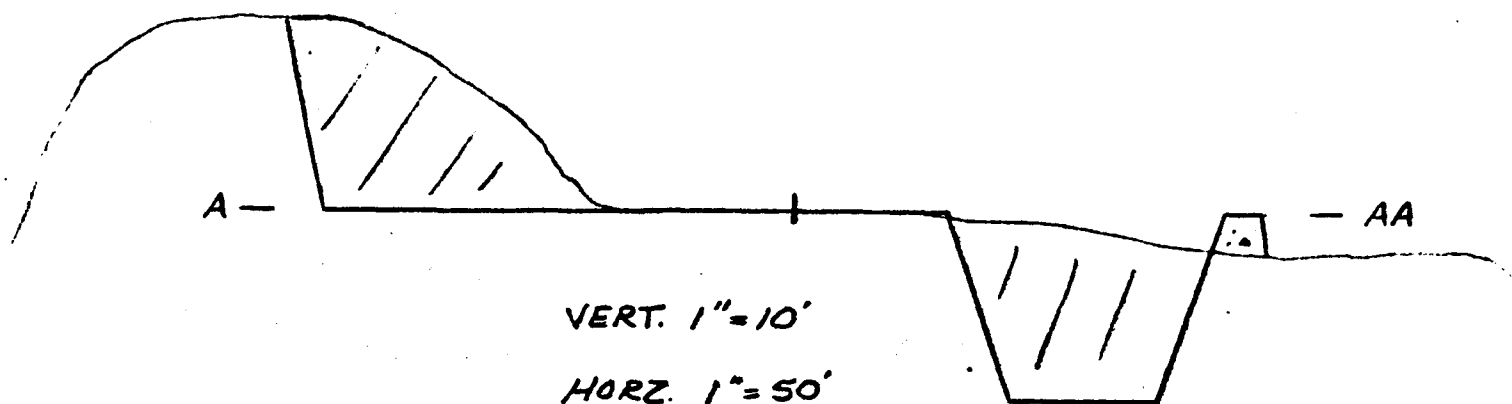
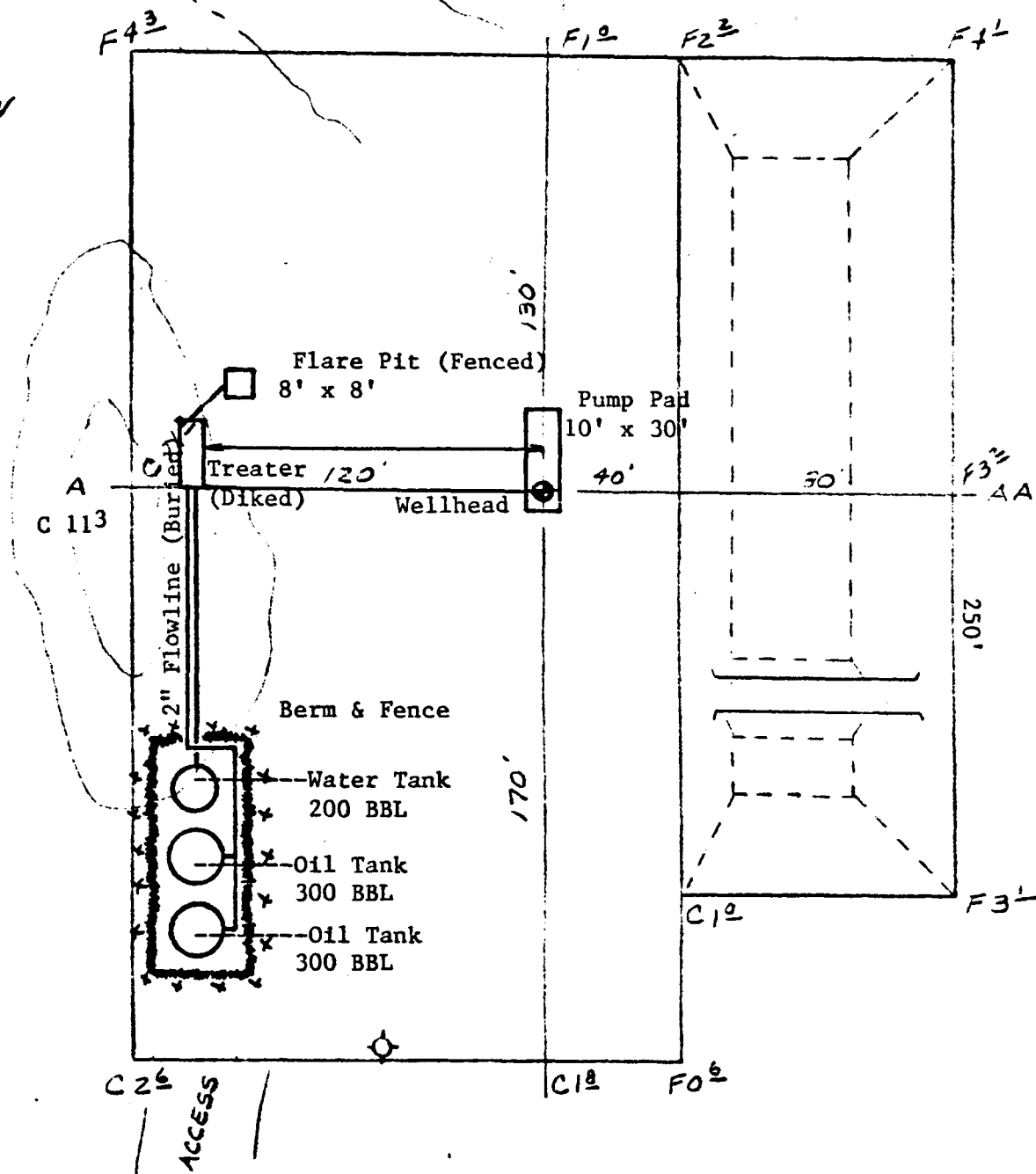
Access Road Map

_____ - County Road
_____ - Unmaintained Oil
Field Road



VORTH

P.P. 200'S
F 2^L



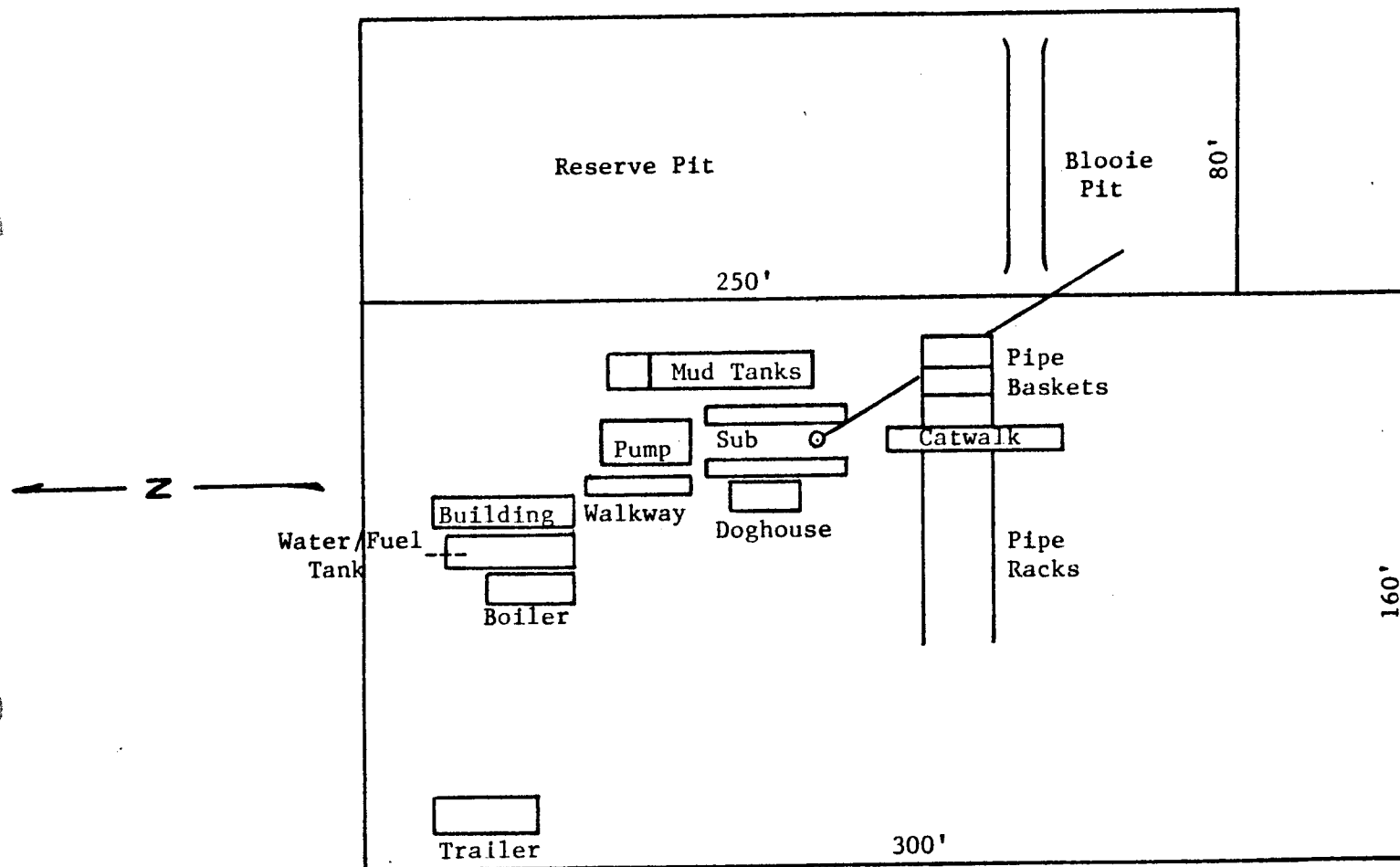


EXHIBIT "G"
Drilling Rig Layout

4590
2774494

LAST
CHANCE

BYRL
2805

MTN. FUEL
4519

2753

23-7 Hurt Federal

CHUMWAY
2627

EMERY COUNTY

EXHIBIT "H"
Well Location Plat

**** FILE NOTATIONS ****

DATE: 5-3-82

OPERATOR: Petro-Quest, Inc

WELL NO: Hurt Federal #23-7

Location: Sec. 7 T. 26S R. 7E County: Emery

File Prepared: ☒

Entered on N.I.D: ☐

Card Indexed: ☐

Completion Sheet: ☐

API Number 43-015-30106

CHECKED BY:

Petroleum Engineer: _____

Director: _____

Administrative Aide: K Pet. Reg. Rule C-3

APPROVAL LETTER:

Bond Required: ☐

Survey Plat Required: ☐

Order No. _____

O.K. Rule C-3 ☐

Rule C-3(c), Topographic Exception - company owns or controls acreage within a 660' radius of proposed site ☐

Lease Designation Sub.

Plotted on Map ☒

Approval Letter Written ☐

Hot Line ☒

P.I. ☒

May 5, 1982

Petro Quest, Inc.
58 Inverness Drive East, Suite 101
Englewood, Colorado 80112

RE: Well No. Hurt Federal 23-7
Sec. 7, T. 26 S, R. 7 E
Emery County, Utah

Insofar as this office is concerned, approval to drill the above referred to oil well is hereby granted in accordance with Rule C-3, General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

CLEON B. FEIGHT - Director
Office: 533-5771
Home: 466-4455


Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-015-30106.

Sincerely,

DIVISION OF OIL, GAS AND MINING


R. J. Firth
Chief Petroleum Engineer

RJF/as
Encl.
cc: Minerals Management Service

United States Department of the Interior **MAY 20 1982**
Minerals Management Service
2000 Administration Building SALT LAKE CITY, UTAH
1745 West 1700 South
Salt Lake City, Utah 84104-3884

NEPA CATEGORICAL EXCLUSION REVIEW

PROJECT IDENTIFICATION

Operator PETROQUEST INC.
Project Type OIL WELL
Project Location NE 1/4 SW 1/4 Sec 7 T 26 S R 7 E
Well No. 23-7 Lease No. U-30263
Date Project Submitted 4-22-82

FIELD INSPECTION Date 5-13-82

Field Inspection Participants	<u>GEORGE DIWACHAK</u>	<u>MMS</u>
	<u>MERV MILES, LAURELL HUGHES</u>	<u>BLM</u>
	<u>DARRYL COOPER</u>	<u>ENERGY CONSULTANTS</u>
	<u>LAURENCE HARTNETT</u>	<u>PETRO QUEST</u>
	<u>DALLAS GALLEY</u>	<u>GALLEY CONST.</u>

I have reviewed the proposal in accordance with the categorical exclusion review guidelines. This proposal would not involve any significant effects and, therefore, does not represent an exception to the categorical exclusions.

5/20/82

Date Prepared

George J. Diwachak
Environmental Scientist

I concur

MAY 20 1982

Date

W. T. Martin

District Supervisor

FOR E. W. GUYNN
DISTRICT OIL & GAS SUPERVISOR

CATEGORICAL EXCLUSION REVIEW INFORMATION SOURCE

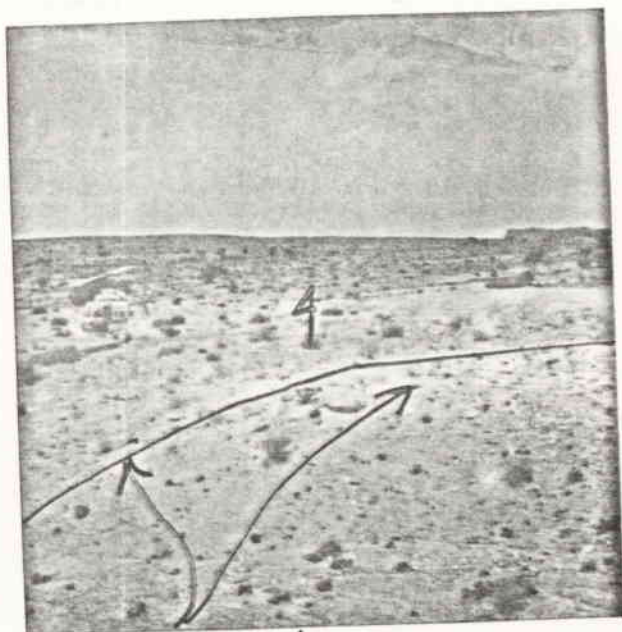
Criteria 516 DM 2.3.A	Federal/State Agency			Local and private corre- spondence (date)	Previous NEPA	Other studies and reports	Staff expertise		Onsite inspection (date)	Other
	Corre- spondence (date)	Phone check (date)	Meeting (date)							
1. Public health and safety							6		6(5-13-82) ↓	4.8
2. Unique charac- teristics	1 (5-17-82) ↓						6		6	4.8
3. Environmentally controversial	1						6		6	4.8
4. Uncertain and unknown risks	1						6		6	4.8
5. Establishes precedents	1						6		6	4
6. Cumulatively significant							6		6	4
7. National Register historic places	1					9				
8. Endangered/ threatened species	1									
9. Violate Federal, State, local, tribal law	1						6		6	4.8

CATEGORICAL EXCLUSION REVIEW COMMON REFERENCE LEGEND

1. Surface Management Agency Input
2. Reviews Reports, or information received from Geological Survey
(Conservation Division, Geological Division, Water Resource Division,
Topographic Division)
3. Lease Stipulations/Terms
4. Application Permit to Drill
5. Operator Correspondence
6. Field Observation
7. Private Rehabilitation Agreement
8. RECOMMENDED STIPULATIONS
9. ARCHAEOLOGICAL REPORT (NICKENS & ASSOC)

RECOMMENDED STIPULATIONS

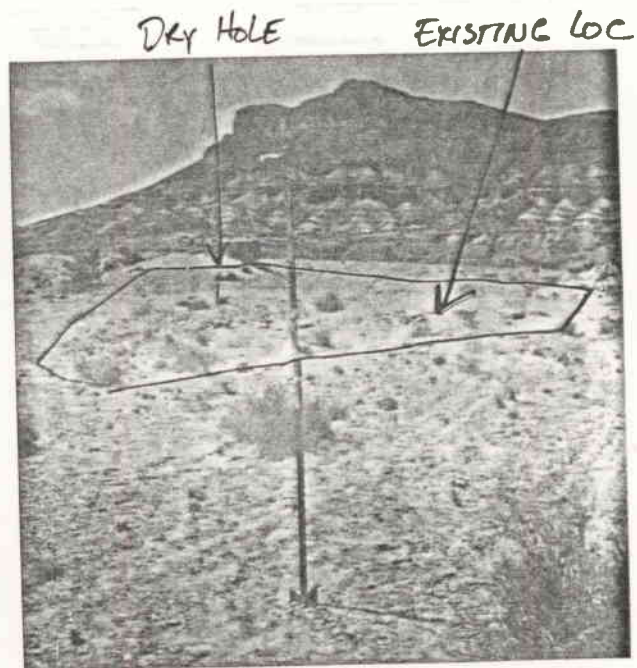
1. ADEQUATE QUANTITIES OF CEMENT WILL BE USED IN SETTING THE 2200 FEET OF INTERMEDIATE CASING TO CIRCULATE TO THE SURFACE IN ORDER TO PROTECT POTENTIAL FRESH WATER AQUIFERS.
2. ^{1 BLM} A RIGHT-OF-WAY WILL BE NECESSARY FOR ALL OFF LEASE, NON COUNT ROADS ACROSS FEDERAL LANDS. USE OF THE EXISTING AIRSTRIP IN SEC. 18. T 26S, R 7E WILL ALSO REQUIRE A RIGHT-OF-WAY.
3. TRASH WILL BE CONFINED IN A TRASH CAGE AND REMOVED TO AN ADEQUATE DISPOSAL SITE
4. TOPSOIL WILL BE STOCKPILED IN THE NORTHEAST CORNER OF THE PAD AND SEGREGATED FROM PIT EXCAVATIONS
5. THE RESERVE PIT WILL NOT BE LINED UNLESS SUBSURFACE CONDITIONS ENCOUNTERED DURING CONSTRUCTION INDICATE THAT LINING IS NECESSARY FOR FLUID RETENTION
- ~~6. A 2 FEET HIGH FREEBOARD~~
6. A FREEBOARD, ^{BERM} ~~A B~~ WILL BE CONSTRUCTED ON 3 SIDES OF THE PIT AT LEAST TWO FEET ABOVE THE LEVEL OF THE PAD
7. SEE BLM STIPULATIONS.



EXISTING LOC

PETROQUEST 23-7

↑
SE

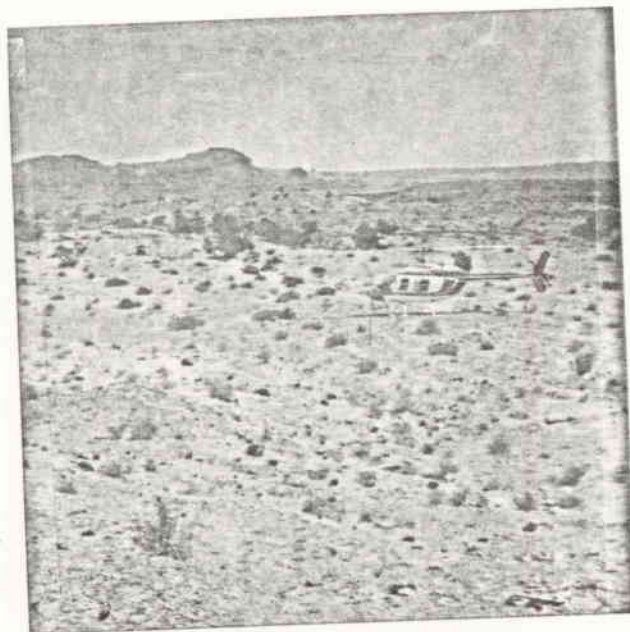


DRY HOLE

EXISTING LOC

PETROQUEST 23-7

↑
SW



PETROQUEST 23-7

↑
E



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Moab District
San Rafael Resource Area
P. O. Drawer AB
Price, Utah 84501

IN REPLY REFER TO
MINERALS MANAG
3100 SERVICE
U-30285 & GAS OPERA
(U-067) RECEIVED

MAY 20 1982

SALT LAKE CITY

May 17, 1982

Memorandum

To: Minerals Management Service, District Engineer, SLC, Utah

From: Area Manager, San Rafael

Subject: Additional Surface Management Requirements for APD's -
Petro Quest, Inc., Hurt Federal Well No. 23-7,
T. 26 S., R. 7 E., Section 7

We would like to have the following stipulations made part of the approved permit to drill.

1. The BLM, San Rafael Resource Area will be notified 48 hours before beginning any construction (phone: 801-637-4584; 748-2249 after hours).
2. Construction and maintenance for surface use approved under this plan should be in accordance with the surface use standards as set forth in the BLM/GS/USFS oil and gas brochure entitled "Surface Operating Standards for Oil and Gas Exploration and Development". This includes but is not limited to such items as road construction and maintenance, handling of topsoil, rehabilitation, etc.
3. Topsoil will be removed to a depth of 6 inches (approximately 3,000 cu. yds.) and shall be stockpiled. When drilling is completed, land will be returned to original contour before topsoil is respread.
4. Seeding shall take place from October 1 to May 1. Seeding shall be by drilling and harrowing and shall be repeated until vegetation is successfully established unless otherwise approved in writing by the Authorized Officer. The following seed mixture shall be used:

<u>Grass</u>	<u>Rate</u>
Indian ricegrass	3 lbs. per acre
Crested wheatgrass	3 lbs. per acre
Yellow clover	3 lbs. per acre
Shadscale	3 lbs. per acre

5. The access road shall be a single lane road not to exceed 24 feet (disturbed area) with 16 feet travel surface.
6. All vehicle travel will be confined to existing roads. Offroad travel is prohibited.

7. Trash will be contained in a wire cage or drum and hauled to an approved dump site. Burn pits will not be allowed.
8. A chemical toilet shall be provided at the drill site. Pit toilets will not be allowed.
9. Drainages shall not be plugged by roadbeds. Drainage crossings shall be constructed so as not to cause siltation or accumulation of debris. Where siltation or accumulation of debris occurs, the drainage crossing shall be reworked or relocated.
10. Broad-based drainage dips shall be constructed on long, steep road grades. Dips may be installed after temporary roadbeds have been constructed or during construction of permanent roads.
11. Low water crossings shall be used in temporary roads where road locations are more than one-half mile below the head of a drainage.
12. Access roads to well site shall be rehabilitated as shown in the Surface Use Standards and as required by the surface management agency's Authorized Officer.
13. If well goes to production, the Holder shall submit a proposed operation and maintenance plan for the permanent road after consultation with the BLM Authorized Officer for applicable road standards.

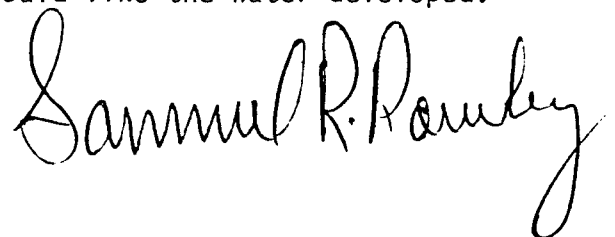
An archaeological evaluation was done by Nickens & Associates for Mapp Exploration, Inc. (Petro Quest, Inc.). No cultural resources were observed or recorded in the field and no National Register status sites will be affected by the drilling program. The cultural clearance is granted with the following stipulations:

1. All vehicular traffic, personnel movement, and construction will be confined to the locations examined and to access roads leading into these locations.
2. All personnel will refrain from collecting individual artifacts or from disturbing any cultural resources in the area.
3. Should cultural remains from subsurface deposits be exposed during construction work or if the need arises to relocate or otherwise alter the construction area, the BLM will be notified immediately.

No threatened or endangered plant or animal species are known to inhabit the area.

No public land near the proposed drilling area is subject to the Wilderness Interim Management guidelines.

If the well is a dry hole but water is found, we would like to be advised of the depth the water is found and determine if we would like the water developed.

Samuel R. Rowley



STATE OF UTAH
NATURAL RESOURCES & ENERGY
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

March 15, 1983

Petro Quest, Inc.
58 Inverness Drive East, Suite # 101
Englewood, Colorado 80112

Re: Well No. Hurt Federal # 23-7
Sec. 7, T. 26S, R. 7E.
Emery County, Utah

Gentlemen:

In reference to the above mentioned well, considerable time has gone by since approval was obtained from this office.

This office has not received any notification of spudding. If you do not intend to drill this well, please notify this Division. If spudding or any other activity has taken place, please send necessary forms. If you plan to drill this location at a later date, please notify as such.

We will be happy to acknowledge receipt of your response to this notice if you will include an extra copy of the transmittal letter with a place for our signature, and a self addressed envelope for the return. Such acknowledgement should avoid unnecessary mailing of a firm second notice from our agency.

Your prompt attention to the above will be greatly appreciated.

Respectfully,

DIVISION OF OIL, GAS AND MINING

Cari Furse
Well Records Specialist

CF/cf



March 18, 1983

State of Utah
Natural Resources and Energy
Oil, Gas and Mining
4241 State Office Building
Salt Lake City, Utah 84114

ATTN: CARI FURSE

Dear Ms. Furse:

Petro Quest, Inc. still plans to drill the Hurt Federal #23-7 located in Section 7, T26S - R7E, Emery County, Utah. At this time the timing has not been set for when the well will be spudded.

Thank you for your time in this matter.

Yours truly,

PETRO QUEST, INC.

Lawrence T. Hartnett
Vice President - Production

Division of Oil, Gas and Mining

LTH/do

MAR 23 1983

DIVISION OF
OIL GAS & MINING

Branch of Fluid Minerals
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104

3140
(U-922)
RECEIVED
AUG 31 1983

**DIVISION OF
OIL, GAS & MINING**
August 8, 1983

Petro Quest, Inc.
58 Inverness Dr. East - Suite 101
Englewood, CO 80112

Re: Rescind Application for Permit
to Drill *HURST*
Well No. 23-7
Section 7-726S-R7E
Emery County, Utah
Lease No. U-30263

Gentlemen:

The Application for Permit to Drill the referenced well was approved on April 22, 1982. Since that date no known activity has transpired at the approved location. Under current District policy, applications for permit to drill are effective for a period of one year. In view of the foregoing this office is rescinding the approval of the referenced application without prejudice. If you intend to drill at this location at a future date, a new application for permit to drill must be submitted.

This office requires a letter confirming that no surface disturbance has been made for this drill site. Any surface disturbance associated with the approved location of this well is to be rehabilitated. A schedule for this rehabilitation must then be submitted to this office. Your cooperation in this matter is appreciated.

Sincerely,

E. W. Gwynn
Chief, Branch of
Fluid Minerals

bcc: BLM-Price
State O&G
State BLM
Well File
APD Control
DSD/MR Reading
922:DHorsley.rs:8/8/83:4590



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Dr. G. A. (Jim) Shirazi, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

September 14, 1983

Petro Quest, Inc.
58 Inverness Dr. East, Suite 101
Englewood, Colorado 80112

RE: Rescind Application for
Permit to Drill
Well No. Hurst 23-7
Sec. 7, T.26S, R.7E
Emery County, Utah

Gentlemen:

Approval of Application for Permit to Drill the above referenced well is rescinded without prejudice as of the above date in concert with action taken by Branch of Fluid Minerals.

If you intend to drill this location at a future date, a new application for permit to drill may be submitted for State approval.

Sincerely,

Norman C. Stout
Administrative Assistant

NS/as